

# Project Proposal

**Proposal Title:** Henefer-Echo WMA

**Proposal Number:** 1471

**DWR Region:** Northern Region

**Lead Agency:** DWR

**County:** Summit

**Project Manager:** Ron Greer

**PM Phone:** 0

**Regional Priority:** Within Focus Area

**Project Type:** Terrestrial Habitat

**Proposed Start Date:** 7/1/2009

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**Project Location:** Henefer, Utah

**Project Description:** Disc the bottom of Harris Canyon, Dixie Harrow on benches above, creating a mosaic on benches.

**Description of Problem/Need:** The Henefer-Echo WMA is critical mule deer winter range. In Harris canyon the sage has been hit by the sagebrush defoliator moth and has had a large die-off. The sage that is left is in poor shape and is being taken over by grasses. This project will disc the bottom of Harris Canyon and will be planted with browse species to increase winter habitat for mule deer. This area will also be planted with forbs to accommodate brood rearing sage grouse. The area on the benches above Harris Canyon is decadent sage and needs to be thinned and invigorated.

**Objectives:** To restore and invigorate winter range for Mule deer and improve sage grouse spring summer habitat.

**Relevance to Strategic Plans:** This project will address the needs of conservation of the Tier II and Tier III species noted in the WAP identified in section 5.1, and also address the need for protection and restoration of the habitat types listed in section 7.1 of the WAP. It will work towards the WMA maintenance plans for this area. It will work with the Morgan-Summit Sage grouse working group plan as well as the statewide sage grouse plan.

**Potential Risks:** seeding failure, annual grass invasion.

**Proposed Methods:** Using a heavy disc, the bottom of Harris Canyon will be prepared for seeding. This area will then be drilled using a rangeland drill using a browse forb mix. On the benches above Harris Canyon, a Dixie Harrow will be used with one pass to thin and invigorate the sage, as well as broadcasting a sage/forb/grass mix during the treatment to cover the seed.

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**Shapefile Name:** HPD 2010\GIS Proposed\NR\1471.shp

**Seed Source:** GBRC

**UPCD Reg Team Coord Date:** 1/14/2009

**Proposed NEPA Action:**

**Proposed Arch Action:**

☐ **Vegetation Monitoring**      ☐ **Wildlife Monitoring**

**Monitoring Information:**

**Grazing Management:** treated areas will be fenced to prevent grazing on treatment, and grazing will be controlled for 2 years.

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## SPECIES BENEFITING

Mule Deer	Greater Sage-grouse	Elk	Shrubsteppe Birds
Raptors			

## LAND OWNERSHIP

Owner	Acres
DWR	300
<b>Total</b>	<b>300</b>

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## PROPOSED FUNDING

Source	Amount Requested	Date Approved	Amount Approved
Unfunded Balance	\$55,250.00		\$0.00
<b>Totals</b>	<b>\$55,250.00</b>		<b>\$0.00</b>

## PROPOSED BUDGET

Item	Description	DWR Account	Partner Contrib.
Contractual Services	disc and Harrow 300 acres @ \$35/acre	\$10,500.00	\$0.00
Seed (GBRC)	seed @ \$80/acre for 300 acres	\$24,000.00	\$0.00
Archaeological Survey	550 acres @ 35/acre	\$19,250.00	\$0.00
Materials and Supplies	electric fencing to fence treated areas	\$1,500.00	\$0.00
	<b>Totals</b>	<b>\$55,250.00</b>	<b>\$0.00</b>

## Project Map:

